

# OSCILLATOR

Oregon Tualatin Valley Amateur Radio Club (Est. 1978) August 1997

## THE PREZ SAYS

By Betty, N7REX

By the August club meeting two public service events that I am heavily involved with will be history. I am discovering that Randy Stimson KZ7T is a hard act to follow. Chuck and I recently spent two evenings up on Mt. Hood developing a cue sheet for the Summit to Surf bicycle ride. Being net control for an event such as this 54 mile ride over mountainous territory is more work than just recruiting 'a few good hams' to help.

We had to check on viability of repeaters, secure permission for their use, develop a backup plan, determine the ideal spot for net control to have the best coverage on the simplex backup frequencies, find hams who have the time and the equipment needed to support the event, develop a cue sheet, assign hams to the different locations or support vehicles, send out the information in a timely fashion (then call everyone to correct the typo), and work with the event coordinator. Randy makes it look so easy, probably because of all the years he has been doing it.

As for me, I'm a relative newcomer. This is only my fifth time being net control of any event. I'm so grateful for Chuck's continual help and support and to all those who have offered their constructive feedback.

In addition to Chuck KI7CL and I, the following hams agreed to help with this year's event: Alan Chinnock, KB7POR; Geno Gray, K7GY; George Bates, KC7LOP; Wayne Allen, KB7OYI; Jim Schaeffer, KB7ADH; J. D. Fort, KC7EHT; Mel Sutton, KB7PVW; Linda Sutton, KC7YTD, and Ivan Bork, KC7DWU. The American Diabetes Association appreciates your help. What a wonderful asset these people are to the club and to our community.

This month's program is on community ser-

vice, so if you have 'been there, done that, got the T-shirt to prove it' as the saying goes, please wear your T-shirt to the club meeting and receive a couple of regular raffle tickets. (Note to Rick Schouweiler: I know your goal is to do as many public service events as possible without getting a shirt, so you could bring in some other type of 'proof') Your volunteer work does not have to be as a ham radio communicator to count. Any public service volunteer effort is good.

The second one of the events is the MS 150, a 150 mile, two day bicycle event for the Multiple Sclerosis Society. Chuck and I have been involved with this event for all 13 years. Randy and the ham radio community have been involved for 12 years. Chuck and I have, for the past few years, been totally in charge of the lunch stop for the 500 or so cyclists. Several club members help out at lunch. Some year's we have had more 'hams' at lunch that Randy had on his crew. Again this year, Jim, AE7W, and Randi Graffy, will be helping Friday evening through Sunday afternoon. Other club members helping with sandwich construction are Harold, WA0BRU, and Julie Landers, Sharon Coan, KA7NAN, and Marc Chamberlin, WA7PXW.

*(Continued on Page 2)*

**NEXT MEETING**  
**Wednesday, August 13TH**  
Program will be a presentation of Public Service information by Randy Stimson, KZ7T. Randy will acquaint us with the many different facets (and humor) of working the Public Service fun events.

W7OTV 146.90 (RPTR) WWW.EASYSTREET.COM/OTVARC



(Continued from page 1)

Also, Charley and Molly Mickley will be helping with pickup of supplies on Friday (Charley will be taking the Oregon State Bar Exam). Other hams expected to help at lunch are Sandy and Wyla Mikalow, K7OOZ and KB7GOR, and Joe Boyd, N7VZS. Thank you, thank you, thank you from the Multiple Sclerosis Society, Chuck and I, and all those who suffer from the disease.

This month's picture wall will be of public service events, so please bring lots of pictures for display. Hopefully we will have pictures of Jim and Randy's trucks, with all those jousting sticks (isopole antennas) and a few porcupine vehicle shots with various and sundry antennas. The President's raffle needs to have lots more tickets than in the past couple of months. Please bring pictures.

Just a reminder: September's meeting is a tailgate flea market swap meet, FOLLOWED by a short meeting. So dust off all those treasures and get them ready. 73, Betty N7REX

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## CLUB VE TEST COORDINATOR APPOINTED

By W7OTV

Carl Clawson, WS7L, has been appointed to fill the vacant position as coordinator of our VE testing group. This is a tough, exacting job, but Carl has shown he has the patience and mental agility to bring the club back into the VE testing activity.

I'm sure we will hear more from Carl concerning his plans and schedule. In the meantime, please give Carl all the support you can - this is a demanding job.

Congratulations Carl, and good luck!

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## NOVICE AND TECHNICIAN CLASSES AVAILABLE

By K7OTV

Portland Community College is offering Novice and Technician classes which will cover the material required for students to successfully pass the FCC tests.

The text to be used is "Now Your Talking," Third Edition. Tuition is \$50, with a fee of \$3. The PCC course number is 44278 and will be taught at Beaverton Sunset High School, Room A5. The instructor will be Bert Rook.

For further information call PCC at 977-4933.

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## JOIN THE "OTVARC FOR LUNCH BUNCH"

By Geno, KA7KBH

Our next "lunch get-together" is scheduled for August 23rd at the *Old Country Buffet* in Tigard. It is located in the Tigard Market Place shopping mall with BI Mart. The address is 13500 SW Pacific Highway. As usual, we will meet at 1:30PM. I'll try to get there early and reserve some tables for our group.

The selection is great and the food is tasty. Everyone is welcome - no dress up is required, except for shoes and shirts. Come on down and enjoy lunch with the OTVARC gang.

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## SOME USEFUL E-MAIL NEWS

From Computer Bits

The International Telecommunications Union, the telecommunications agency of the United Nations, recently approved its Ad Hoc committee's recommendation to create seven new "Top Level Domains" for use in Internet addresses:

- .firm, for businesses or firms
- .store, for businesses offering goods to purchase
- .web, for entities emphasizing activities related to the WWW
- .arts, for entities emphasizing cultural and entertainment activities
- .rec, for entities emphasizing recreation/entertainment activities
- .info, for entities providing information services
- .nom, for those wishing individual or personal nomenclature

Tech Wire reported that while the decision is meeting with wide approval, there is at least one plan to bring suit to stop it. It was unclear at press time when or how the new domains would be offered for sale.

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## BORSCH ELECTRONICS

Communications Servicing

9935 S.W. Johnson St.  
Tigard, OR 97223

Joe Borsch, W7PNS

(503) 684-5201

# OTVARC TRAVELERS CAMPOUT

Aug 15th Thru 17th

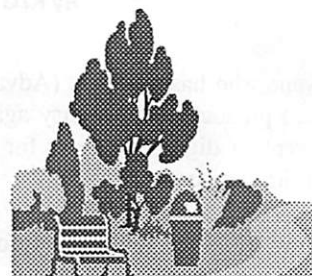
At

Hudson-Parcher Park

Rainier, OR

Wagonmasters Chuck & Betty

Mickley 642-1284



Directions: Take Highway 30 west of Rainier (towards Astoria), past Longview Bridge, turn left at top of hill (at yellow caution light), onto Larson Road, go south 0.3 mile, crossing Old Highway 30, park is on the right.



**Potluck Saturday at 5:30PM.**  
**Everyone is welcome.**



## HAMS ASSIST CAP IN EXERCISE

By Janet, WB7FJC

Ernie, KC7PMZ and Claire Johnson, KC7PMW, along with Harold Landers, WA0BRU, responded to the Civil Air Patrol's Search and Rescue/Disaster Relief Exercise at the Hillsboro Airport on July 12th. Among their contacts was one made with a station in Astoria which saved the CAP from sending someone to Astoria to carry out damage assessment during the flood scenario.

Just another instance of Amateur Radio providing volunteers who can "get the job done."



## JUNE BOARD MEETING

By Secty, Dale, W7FBP

Abbreviated Minutes of the 6-25-97 Board Meeting

1. Attendees were Betty Mickley, Jim Schaeffer, Hanford Van Ness, Dale LeBarron, Jack Smithson, Will Sheffield, Janet Bell, and Stan Griffiths.

2. Jim reported on the upcoming July program. Alan Chinnock will provide an assembled model of the Battery Charger Kit which

is to be put together at an August 9th build party. He will also show schematics and discuss the circuit action.

3. Van gave the Treasurer's report for the last month: income was \$393.33 and expenses were \$553.70, for a minus income of \$214.37.

4. Janet reported on the Metro picnic. Committee is adding additional activities for family members.

5. Book donations to schools was discussed. Betty will contact Bert Rooks on the tapes and lesson material he has.

6. Field Day update was discussed.

7. Betty reported on the need to fill the VE Test Coordinator position. She has volunteers who wish to be considered. Board discussed candidates and voted to appoint Carl Clawson, WS7L.

8. Janet reported on an upcoming July 11, 12 and 13 CAP search exercise and the opportunity for amateurs to become involved. Information will be placed in the newsletter.



Those who think they know everything  
are very annoying to those of us who do!

# AEA REPAIRS NOW ON-LINE AT TIMEWAVE TECHNOLOGY

By K7OTV

Anyone who has an AEA (Advanced Electronics Applications Inc.) product can rest easy again - Timewave Technology is now accepting digital products for repair (Refer to the April '97 issue of the Oscillator, page 5).

As of July 22<sup>nd</sup>, the following information was displayed on the Timewave web page:

## HOW TO CONTACT

TIMEWAVE TECHNOLOGY, INC.  
2401 PILOT KNOB ROAD, SUITE 134  
ST. PAUL, MN 55120

www.timewave.com (Web page)  
sales@timewave.com (E-mail)  
612-452-5939 (Voice)  
612-452-4571 (FAX)

## REPAIR PRICE INFORMATION

PK232(Pre MBX) -	Repair	\$75
Upgrade to MBX, Pactor. Gateway, GPS		\$100

PK232MBX -	Repair	\$75
Latest upgrade incl. Pactor, Gateway, GPS		\$50

PK900 -	Repair	\$100
Repair defective LCD		\$150
Latest upgrade incl. Pactor, Gateway, GPS		\$50

PK12 -	Repair	\$40
GPS upgrade		\$25

PK96 -	Repair	\$45
GPS upgrade		\$30

## RETURN AND REPAIR PROCEDURE

All units returned for service *must have* a Timewave issued authorization (RMA number).

RMAs may be obtained by phone/fax/mail/e-mail prior to shipping.

Payment by Check or Money Order needs to be included when item is shipped.

## SHIPPING

Timewave prefers UPS ground shipping. For faster service use UPS or Federal Express air. Timewave returns all items via UPS ground

## REPAIR TIME

Typical repair time at Timewave is one to two weeks, plus time in shipping which can take 1-7 days.

## AEA ANTENNAS & ANTENNA ANALIZERS

Send questions to:

AEA  
Tempo Research Corp.  
1221 Liberty Way  
Vista, CA 92083

760-598-8900 (Voice)  
760-598-4898 (FAX)

## AEA LNEAR AMP

AEA LA-30 Linear amplifier and WM-30 SWR/Power meter manufactured by Vectronics is now owned by MFJ. Contact them for possible repair parts.

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## AUGUST HAMFESTS

By K7OTV

Aug 9	Tacoma Fleamarket, WA
Aug 10	Ham Radio & Computer Hobbyists Swapmeet, Redmond, OR
Aug 16	Ham Radio, Computer & Electronic Equipment Swapmeet, Longview, WA

Check the July issue of the Oscillator for Hamfests through October. Next months issue will show 1998 Hamfests.

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## AZDEN RADIOS

2-METER AND 6-METER MOBILES IN STOCK

Call: Jack - N7CXX in Wilsonville

Local Phone - Information (503) 682-7898  
Orders only please -- 1-800-835-4895

## MARK YOUR CALENDAR

SEPTEMBER 13TH — THE PORTLAND METRO  
PICNIC

SEPTEMBER 20TH — THE PORTLAND HAM FAIR

## NORTHWEST DIVISION NEWS

From Mary Lou Brown, NM7N, Division Director

### VOLUNTEER EXAMINERS

It was brought to the attention of the board, and discussed last April by the Executive Committee, that we have a serious problem regarding the code waivers.

In some areas those who are VE's and who have not themselves taken and passed a code test above 5 wpm, have been abusing the system and promoting the use of waivers even if the individuals may be capable of passing such tests.

Consequently, even though it was recognized that there are those who do not pervert the system and are good, and conscientious examiners, it was voted to require that a VE under our VEC, cannot administer exam elements for which they have received credit on the basis of a medical exemption. There are other VEC's that do this.

Normally, exemptions for code should only be given for a medical reason and when [after] they have not been able to pass accommodations for their handicap made by the VE's. This could mean things like changing the frequency so the individual can hear it better, sending the text a word at a time, etc.

To promote more accommodated tests, the Board voted to petition the FCC to change the Volunteer Examiner Rules to require that applicants attempt an accommodated Morse Code exam before seeking medical exemption.

Finally, to avoid abuse of non-deserving exemptions by physicians, we will also be asking the FCC to require that medical information supporting the exemption be filed with the administering VEC, before the request is forwarded to the FCC. Note that such information is only kept on file by the VEC, and is not available to the local VE's administering the exam.



## GOOD NEWS – FCC OPENS VANITY CALL SIGN GATE 3!

From The ARRL Letter

The long wait is over for Advanced class amateurs. The FCC has just announced that it will open filing Gate 3 of the Vanity Call Sign Program on Wednesday, August 6, 1997. Advanced class hams will be able to apply for a call sign appropriate to their license class on or after that date. Applicants must file either a paper FCC Form 610V or electronically via the FCC's Web site at <http://www.fcc.gov/wtb/amradsrv.html> and pay the current \$30 fee.

The August 6 deadline squeaks under the implementation of the FCC's new fiscal year 1997 fee schedule, adopted June 16th. Under the FY '97 schedule, which becomes *effective September 15, 1997, the vanity fee will jump to \$50 a year.*

Payment of fees may be made by check (payable to FCC), bank draft, money order, or credit card. If paying by credit card, you must also complete and submit FCC Form 150 with your FCC Form 610V.

You must hold an un-expired Advanced class operator/primary station license to request a vanity call sign for your primary station. To request a vanity call sign for a club station, you must also hold an un-expired club station license grant listing you as the license trustee.

Using Form 610V or its on-line electronic equivalent, applicants may request up to 25 call signs, in the order of preference. Remember to verify that a requested call sign is not already assigned – refer to the licensee database. Any call sign requested must be one designated for the region of your mailing address – here in the northwest it is one designated for one of the contiguous 48 states.

If you file *before* the opening date or do not qualify under the Gate 3 eligibility standards, your application will be dismissed. General, Technician Plus, Technician and Novice class operators will become eligible to request vanity call signs under Gate 4. The FCC has not indicated when it plans to open Gate 4.

For further information, contact the Consumer Assistance Branch at 800-322-1117 or call the FCC's National Call Center at 888-225-5322.



## SOME USEFUL E-MAIL NEWS

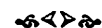
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## AREA VE TESTING SCHEDULED

By K7OTV

Phantom Amateur Radio Club (PARG)  
Second and fourth Sunday of each month  
Contact John, KA0SSF, at 503-626-7399

Salem Amateur Radio Club  
Third Saturday of each month  
Contact Sandy, N7TQQ, at 1-800-920-9604

Clark County Amateur Radio Club  
September 27<sup>th</sup>  
Contact 360-896-8909

Portland Adventist Radio Club  
October 12<sup>th</sup>  
Contact Edith, KA7MIF, at 642-5803



## VOLUNTEER OPPORTUNITIES FOR 1997

By Chuck, K17CL

If you can help on any of these events, please get in touch with the noted contact person.

Podal The Bridges  
Randy Stimson, KZ7T  
Sun Aug 10  
297-1175

Cycle Oregon  
Randy Stimson KZ7T  
Sun Sep 7 thru Sun Sep 14  
297-1175

Walk For The Cure (Juv. Diabetes Fndtn)  
Betty Mickley, N7REX  
Sun Sep 14  
642-1284

Amateur Radio Awareness Day  
We need your ideas, contact a board member  
Sat Sep 20

Portland Marathon (PARC)  
Hugh Ellsworth, KB7LJV  
Sun Sep 28  
653-1993

Walktoberfest (American Diabetes Assoc.)  
Betty Mickley, N7REX  
Sat Oct 4  
642-1284



## DEETH & ASSOCIATES

- \* Telecommunications
- \* Cellular Phones & Accessories
- \* Security Systems

(503) 324-3737  
Ray Deeth  
Dale Wert

(800) 723-3737  
180 So. Main (#C)  
Banks, Oregon 97100

## FIELD DAY 1997

By Carl, WS7L

Overcoming the challenges of rocky soil, steep hills, spurious nighttime visitors, and mysterious tower tipping, OTVAK dedicated Field Day enthusiasts pulled off a good one this year up at Bald Peak. Operating under W7OTV and WA7JBG, we turned in the best contest performance in many years, and had a good time doing it. Thanks and congratulation to all who participated.

In contrast to some of the more recent years, we racked up a very respectable score. Counting only the points accrued from QSOs, we scored better than any year since 1993, and if ARRL awards all the bonus points we've claimed, our total should be the best since 1991.

We outdid previous years on bonus points, largely due to our complete abstinence from the commercial power mains. That was worth 200 points, the price being to put up with noise from a generator used to keep the coffee pots going (we compromised and turned it off at night so that Al could have some peace and quiet to contemplate his tick). Other important bonuses that we made for the first time were for VHF/UHF operation. And for contacts using a natural power source – in our case a solar-charged battery.

Our score totaled 1736 points for QSOs, plus 1000 claimed bonus points for a total of 2736. This should put us well into the upper half of the 2A category when the scores are published in the November issue of QST. Contacts by band broke down as follows:

CW	SSB
40M 46	80M 2
20M 222	40M 25
15M 18	20M 121
285	15M 36
294	10M 47
580	6M 25
	2M 37
	70CM 1

Setup went fairly smoothly, although we did suffer a bent mast section and some rather ugly damage to a triband antenna that came down in the middle of the night Friday. The crew was able to restore the antenna to a functioning state and got the CW station up and running with a only few hours delay.

Operation was fairly routine, the main complaint being lack of relief operators. Hams just hate to walk away and leave a station unattended in the thick of a contest, but it was an unfortunate necessity at times. I think it is a credit to the operators we had, that even though we didn't maintain a full 24 hours of uptime on each station, we did achieve a very good QSO count.

Of course, Field Day isn't just about points – it's also about eating, camping, eating, socializing, and eating. I was very happy to see some of the club members who joined during the preceding year, and to meet a few other hams I'd known only by voice up to now. As usual, the Travelers laid on a mighty tasty buffet of dinner and

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(Continued from page 6)

dessert on Saturday. Many of us wished our stomachs were just a wee bit larger, as it was a challenge to try a helping of every dish that was on the table.

So much for this year. What can we do differently or better next year? Please take a moment to think it over and send your suggestions to me. We've run the event on a very similar format for the last seven or eight years. Overall, it's working pretty well, but that's no reason not to try something different.

Many suggestions have been put forward, such as experimenting with novel power sources such as falling rocks. These kinds of things might not get us the highest score, but they could lead to lots of fun and maybe a picture in QST. Other suggestions regarding locations or different modes of planning and operation are welcome.

Thanks again to all for a productive and enjoyable Field Day – let's make the next one even better!



## QST – QST – QST

By Alan, KB7POR

### LATE BREAKING NEWS – BATTERY CHARGER KITS ALL SOLD OUT!!

Due to conditions beyond our control, the Battery Charger build party scheduled for August 9th, must be postponed. The manufacturer just informed me that they sold most all their kits at the recent Flagstaff, AZ (Fort Tuthill) Hamfair. Unfortunately it will be some weeks before we can expect to receive our ordered kits.

I will set another build party date when the kits arrive, and I will contact everyone who has ordered a kit. I'm sorry about the delay, but I guess we can't blame the Northern Arizona amateurs for recognizing a good deal when they see one.

Call me at 636-2237 with any questions.



## PET HAM CARE AND FEEDING

From ARRL Club Companion

Pet hams are so intelligent they often seem human, but they can be difficult to raise. Only someone with great patience should attempt it. In case you do, here is a guide to the basics.

**Living Area** - A pet ham needs a private nest area – an entire room where it will not be disturbed. Your pet ham will spend many happy hours alone there with its treasures – boxes, wires, bits of metal, glass, plastic, paper, etc., that it will bring home whenever it ventures out. You will want to encourage your pet ham to confine its activity to this room to prevent the entire house from being subjected to noise, clutter and the boring of holes in walls.

**Expenses** - Keeping a pet ham is expensive, but unlike most pets, a pet ham can be trained to work outside the home for a few hours each day. It may even bring in enough money to offset its expense.

**Feeding** - A well behaved pet ham will eat with the family occasionally, but it usually will feel more comfortable and secure taking its meals in the nest room. You must be sure your pet ham is well supplied with food and drink during the long periods it spends alone in there, even if it does not beg or whine.

**Obedience** - A pet ham can be trained to perform simple tricks, the easiest and most common being "sit" and "speak." Do not be alarmed if it practices them for hours at a time in its nest room.

**Health problems** - The pet ham typically suffers lower back pain and minor throat irritations from too much sitting and speaking, but health maintenance costs tend to be minimal.

**Travel** - Your pet ham will gladly travel with your family by car or even by air, if allowed to bring along certain familiar items from the nest room. Most pet hams enjoy trips to places where they can meet pet hams from other families.

**Breeding** - If you plan to breed your pet ham, you should do so as soon as possible after you get it. As a pet ham matures, it becomes increasingly reluctant to engage in activities not associated with its nest room collection.



## FOR SALE

By K7OTV

IC-211 All Mode base station. VHF and UHF, with 35 watt amplifier and D104 mic. Asking \$495.

Call Rich at 648-2851

THIS SPACE IS RESERVED FOR YOUR FOR SALE OR  
WANTED AD.

A call or e-mail to the Editor, or a note to the OTVARC PO Box will get your ad in the next newsletter – don't forget, do it NOW.



## ROHN Towers

- \*New 25 and 45 in stock locally\*
- \*Gin Pole available for customer use\*
- \*prices competitive with mail order\*

Stan Griffiths, W7NI  
18955 S.W. Blanton St.  
Aloha, OR 97007-1230

Internet: W7NI@teleport.com  
Phone: (503) 649-0937  
FAX: (503) 591-1620

## NEW MEMBER

By K7OTV

Please welcome Greg Lahaie, K7YDL, to OTVARC. Greg lives in Hillsboro. Help Greg get involved and become familiar with the many opportunities provided by our club.



## LOCAL MANUFACTURER REPLACES ANTENNA

From World Radio, August '97

While traveling across the country this last summer, our Larsen window-mounted 2-meter antenna stopped working. Although the warranty had expired long before, we called Larsen to ask about it. We thought that the cause of the failure could have been a big thunder storm while we were in Denver.

They suggested that we send the antenna to them and we were hoping for a repair. To our surprise, the antenna was replaced with a new one, no charges and no questions.

In this day where we often see poor service and poor quality, we want to share this story about these "good guys." We are happy to be mobiling with our Larsen antenna gain. (Originally from the Victor Valley ARC)



## DOE SAYS NO MORE EMI STUDY

From World Radio, August '97

The Department of Energy is pulling out of research on the possible health risks of electromagnetic fields. The agency's decision follows a report last fall by the National Academy of Sciences that found no conclusive evidence of adverse health effect from these fields.

The Department of Energy's decision to abandon further study was made in a March 7th letter to the National Institute of Environmental Health Sciences.

Writing in the journal *Science*, Keith Florig, a scientific policy expert at Carnegie Mellon University, says that research on EMF (*Electro Magnetic Field*) risks has not been very productive. As such, science really isn't up to the task of answering the question.

The decision by the DOE to pull the plug on EMF research also ends another program. This one is a two decade study of possible EMF related biological mechanisms. (Comment by K4ZC: It would be nice if this would have some effect on the recently-adopted FCC rules on measurements of amateur radio station emissions. However, this finding is for power-line frequencies only, and will have no apparent effect on the upcoming requirements for amateur station emission measurements.)



## FM, VHF AND UHF

From World Radio, July '97

Unified FM bandplans at last? Will there ever be a single unified repeater bandplan across the face of our nation. Probably not!

If you subscribe to any of the VHF/UHF oriented re-mailers on the internet, or browse the Usenet, you will find that this question is one of the most often brought up.

Right now, each region is free to use any plan it wants for any band it wants. This is known as "local option" and this concept can, and does, cause problems for adjoining areas because RF energy does not recognize geographic borders.

Two meters is probably the best example of this. When hams began to formally "coordinate" repeaters to the band, there were few repeaters to coordinate. Those that existed were regulated to operate in the spectrum from 146 to 148 Mhz only. As there were few machines, hams arbitrarily decided to space them 60 KHz apart. No input to output spacing was specified, but that eventually became 600 KHz.

When hams ran out of 60 KHz repeater pairs, spacing was cut to 30 KHz. In the late 1960s a number of heavily populated regions ran out of 30 KHz channels so they again "split" and went to 15 KHz separation.

Most of the nation opted to simply split to 15 KHz channels, while others decided to split to 15 KHz and also invert them. The latter idea was to always have a user's radio seeing a relatively clear 30 KHz wide channel, while placing the responsibility to minimize inter-system interference with repeater owners.

After that, things just became more complicated: Washington State went to 20 KHz spacing; a few repeaters in New York went to 1 Mhz input to output spacing (one is still on the air in Metro New York). A Southern California repeater with 1.035 Mhz input to output spacing is still on the air.

It became worse when the 144.5 to 145 Mhz subband was opened in the Mid-70s. Three band plans were offered. The Northeast wanted 15 KHz inter system separation, 600 KHz input/output, with low-in/high-out. Northern California suggested a 20 KHz channel spacing, 600 KHz offset, and the low-in/high-out, but starting at 145.21 with the input 600 KHz below. Southern California argued that an extra channel pair was available if repeaters began at 145.20 Mhz out. In the end the nation followed Northern California, and, as usual, Southern California went its own way, with many problems arising.

As a result of all of this, there are many combinations of 2-meter repeater bandplans in use nationwide. One finds this out as one drives the nation's highways and by-ways. In this day of mode highly selective and sensitive synthesized narrow band FM ham radio equipment, this archaic myriad of bandplans is no longer a necessity.





## OTVARC Club Contacts

### OTVARC Executive Board

President	Betty Mickley	N7REX	642-1284
Vice President	Jim Schaeffer	KB7ADH	245-2518
Secretary	Dale LeBarron	W7FBP	638-7768
Treasurer	Hanford Van Ness	KE7BB	246-7975
Trustee	Jack Smithson	KA7HOJ	646-1873
Trustee	Will Sheffield	N7THL	642-7314
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	WB7SIC	640-5456
Trustee	Stan Griffiths	W7NI	649-0837

### Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	472-2716
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	Rich Jones	KG7FS	645-9417
Equipment Loan	Stan Griffiths	W7NI	649-0837
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services	J.D. Fort	KC7EHT	629-8050
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	Mary Berg	N7TRW	640-5456
Historian	Al Berg	WB7SIC	640-5456
Internet Home Page	Marc Chamberlin	WA7PXW	357-1869
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Dale LeBarron	W7FBP	638-7768
Newsletter Layout	Dale LeBarron	W7FBP	638-7768
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	OPEN		
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	Chuck Mickley	K17CL	652-1284
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	K7FW	640-0217
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	WB7SIC	640-5456
"	Brad Beach	N7NVC	657-1781
"	Jim Schaeffer	KB7ADH	245-2518
"	Randy Stimson	KZ7T	297-1175
Station Trustee	Chuck Mickley	K17CL	642-3713
Social	Geno Buell	KA7KBH	614-0563
Technical Specialist	Stan Griffiths	W7NI	649-0837
Tower Ordinances	Greg Milnes	W7AGQ	648-6990
Trailer	Dee Lynch	KA7NPN	646-4580
Training(code)	Burt Rooke	K17JX	241-2891
Training(Novice/Tech)	Burt Rooke	K17JX	241-2891
Training(upgrade)	OPEN		
VE Test Coordinator	Carl Clawson	WS7L	629-5796
VHF/UHF	Arnold Jensen	N7YAG	543-3713

## OTVARC Club Information

**Purpose:** The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

**Special Service Club:** OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

**Newsletter:** The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff.

**Correspondence:** All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

**Advertising:** Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time, from January through June and July through December. All ads must be paid for in advance. Rates are as follows:

Full page	8" X 10"	\$200 for six months
Half page	8" X 5"	\$120 for six months
Qtr page	4" X 5"	\$72 for six months
Bus.Card	2" X 3"	\$36 for six months

**Meetings:** We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge. 3500 SW 104<sup>th</sup> Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

**Membership:** OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues.

**How to join:** Simply mail the Membership application and/or renewal form along with your dues to the address above.

**Internet Home Page:** WWW.EASYSTREET.COM/OTVARC

## WORLDWIDE DISTRIBUTION



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Manager  
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# OTVARC

OregonTualatin Valley ARC

PO Box 5132

Aloha, OR 97006-0132

Address Correction Requested



~~ALD W75IC~~

~~M. B. ATRW~~  
~~1970237~~  
~~Hillsboro OR 97122~~

